

NORTH EASTERN RAILWAY

CE'S P.WAY CIRCULAR NO.56 OF 1969.

CASE NO.W/275/4/W-4A.

MAINTENANCE OF SAND HUMPS.

1. "Sand Humps" where required, are to be constructed according to the approved design and maintained accordingly. CE's type plan No.P/4/64 shows the Standard Layout of "Snag Dead Ends/ Sand Humps"(Annexure-1) according to which sand humps have been constructed on this Railway so far. For future constructions, however, a revised drawing based on HDSO's approved drawing is under issue separately. Existing sand humps according to plan P/4/64 need not be modified according to revised drawings.
2. Adequate loose sand according to the type plan of sand humps should be provided at the time of the construction and should be maintained thereafter. Sand should be provided as shown in the plan and it should be ensured that it is not provided in excess or is deficient.
3. Periodically, specially during monsoons, the sand which may tend to get consolidated with vegetation growing on it, should be loosened and vegetation removed from time to time so that sand is loose on the rails all the year round. It is necessary to replenish the quantity of sand wasted. No excuse of sand not being available locally should be allowed to come in the way of maintaining sand humps to the approved design, as it is essentially a Safety Measure and the very purpose of providing sand humps will be defeated, if these are not maintained properly.

4. To ensure that the sand humps are inspected regularly it was indicated in the circular letter No.W/275/O/A/W-7 dt.27.4.66 that the PWI should open a register for inspection of these sand humps. Where these registers have been opened, they should be continued to be maintained as such otherwise PWIs should allot an additional page in their points and crossings register next to the page recording the inspection of the points which lead to the sand hump and record their inspections of the sand humps when ever the crossings are inspected. It would be a good practice to inspect these once before once during monsoon and once monsoon.

5. It should also be checked up whether all the sand humps are as per designs according to which the sand humps have been constructed otherwise immediate action be taken to bring them in conformity to the standard plan, specially in respect of grades and thickness of sand above beyond the sanded length, duly made up and repaired.